



Borough of Middleton



REPORT

(ABRIDGED)

ON THE

HEALTH OF THE BOROUGH

FOR

THE YEAR 1939

(JANUARY 1st to DECEMBER 31st)



S. T. BEGGS, M.D., B.S., D.P.H.

Medical Officer of Health. Medical
Officer to the Education Committee.
Medical Officer to Maternity and Child
Welfare Service.



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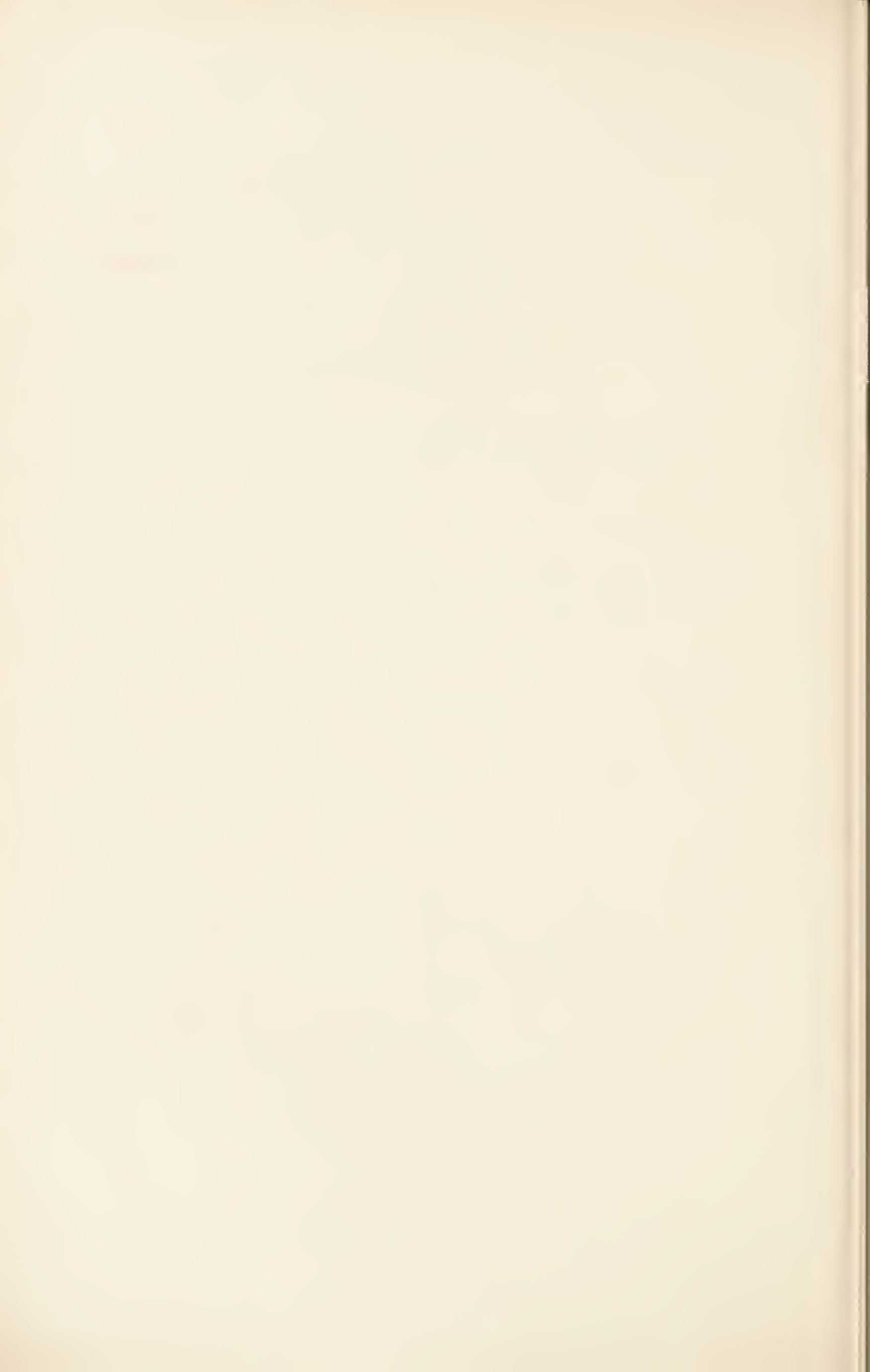
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C. R.
MIN. OF HEALTH
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74



A.R.P. MEDICAL SERVICE.

Medical Officer in charge of the Services—Medical Officer of Health.

FIRST AID POSTS—PERSONNEL.

at **Durnford Street Health Centre.**

Medical Officer—Dr. Clegg-Newton.

Attached—Dr. McKay.

	Full time. Part Time.	
Trained nurse	1	—
Auxiliary nurses	9	101
Stretcher bearers	2	13

Mobile First Aid Post.

Medical Officer—Dr. McMillan.

Attached—Dr. Linton.

	Full time. Part Time.	
Trained nurse	1	—
Auxiliary nurses	7	13
Driver	1 male	

First Aid Depots at:—

(1) Boarshaw School.		(2) St. Peter's Sen. School.		(3) Rhodes Council School.	
Full time.	Part time.	Full time.	Part time.	Full time.	Part time.
10	20	10	29	10	23

Depot Superintendent—Sergeant J. Hanlon.

Attached:—

Dr. Hempling.

Dr. Lilley.

Dr. Gourley.

Ambulance Service.

Deputy Ambulance Officer—Mr. Hacking.

Auxiliary Buildings available for use in Emergency.

St. John Ambulance Hut	...	Overflow dressing station to the First Aid Post.
Grammar School Gymnasium	...	Treatment room for unwounded Gas cases (Men).
New Public Baths	... ..	Treatment room for unwounded Gas cases (Women).
Wesleyan School	... ..	Rest room for neurotic conditions and injured from demolished area.

Mobile First Aid Post Stations.

1. Durnford Street School, Infants Department.
2. Parkfield School, Infants Department.
3. Rhodes School, Infants Department.
4. Alkrington School.
5. Tonge School (Infants Department).
6. Elm Street Council School.
7. St. Gabriel's School.
8. Boarshaw Primary School.
9. Bowlee School.
10. Birch School.
11. Memorial Hall, Slattocks.
12. Middleton Cricket Club Pavilion.

Doctors.	Address.	Telephone Number.
Dr. Campbell-Neil,	"Auld Reekie," Manchester New Road,	MID. 2096
Coun. Dr. Clegg-Newton,	Stanniccliffe House, Long Street,	.. 2822
Dr. Gourley,	7 Towncroft Avenue,	.. 2536
Dr. Hempling,	76 Long Street,	.. 2816
Dr. Lilley,	The Gables, Woodland Way, Alkrington,	.. 2513
Dr. Linton,	68 Manchester Old Road,	.. 2081

Dr. MacDonald, Beech House, Archer Park,	,,	2076
Dr. McMillen, 68 Manchester Old Road,	,,	2081
Dr. Robertson, Springfield House, Oldham Road,	,,	2086
Dr. Wallace, 346 Grimshaw Lane, Middleton Junction	,,	2063
Dr. McKee, 346 Grimshaw Lane, Middleton Junction,	,,	2063

Midwives.	Address.	Telephone Number.
Nurse L. Blore, 64 Rochdale Road,		,, 2113
Nurse E. M. Evans, 650 Manchester Old Rd., Rhodes,		,, 2114
Nurse A. Smith, 10 Mills Hill Road,		,, 2115
Nurse M. Millar, 125 Manchester Old Road,		,, 2687

Shelters, First Aid Attendance

Larger Shelters.	Nearest First Aid Post/Depot.	Nearest Doctor.	Nearest Midwife.
Market Place (500)	Durnford St., First Aid Post	Dr. Clegg-Newton	Nurse Blore
Brassey St., Recreation Ground (300)	"	"	"
Towncroft Avenue (300)	"	"	"
Tonge Playing Field (300)	Boarshaw First Aid Depot	Dr. Wallace	Nurse Smith
Sandy Lane/Grimshaw Lane (300)		Dr. Robertson	
East Crescent (150)	St. Peter's First Aid Depot	Dr. Campbell-Neil	"
West Crescent (150)			Nurse Millar
Mainway (200)	Mobile First Aid Post	Dr. Lilley	"
Parkfield Recreation Ground (250)		Dr. McMillen	Nurse Millar
Rhodes Recreation Ground (300)	Rhodes First Aid Depot	Dr. Linten	
		Dr. MacDonald	Nurse Evans
		Dr. Gourley	

Clergymen attached to First Aid Posts and Depots.

	Name.	Address.	Telephone Number.
First Aid Post,			
Durnford Street	Rev. F. W. Lines,	18 Mellalieu Street	MID. 2633
Boarshaw Depot	Rev. C. H. Davey,	8 Mellalieu Street	
Rhodes Depot	Rev. W. Harper,	139 Manchester Old Rd.,	
St. Peter's Depot	Rev. E. G. Manby,	Tonge Vicarage	

Schools First Aid Equipment.

Each School has been supplied with the following Emergency First Aid Equipment :—

- 1 Stretcher (improvised).
- 1 Tourniquet (rubber tubing).
- 24 Assorted Splints (leg and arm).
- 2 lbs. surgical lint.
- 2 lbs. absorbent wool.
- 2 lbs. tow.
- 18 yds. calico (for making 2 inch bandages).
- 2 gallons Hypochlorite Fluid (diluted for antiseptic use).

Ambulances.

	Full time. Part time.	
Drivers	5	34
Ambulance Attendants	5	37
Cars	6	45
Messengers	—	4

Casualty Incidence.

Liaison Officer—Superintendent Golborne, St. John's Ambulance Brigade.

Report Centre.

Medical Officer of Health.

Attached—Dr. Wallace, Dr. Campbell Neil, Dr. McKee.

Unattached—Dr. Robertson, Dr. MacDonald.

Medical Equipment and Stores.

Miss Howarth.

Protective Clothing and Gas Training.

Mr. Turner.

Hospitals. for Casualties**Non-contaminated**

Booth Hall, Blackley.

Municipal Hospital, Oldham.

Contaminated

Booth Hall, Blackley.

Municipal Hospital, Oldham.

Crumpsall Infirmary.

Rochdale Infirmary.

Oldham Royal Infirmary.

Attached to First Aid Post.

Analytical Chemist & Bacteriologist—Mr. Inglesent.

ABRIDGED REPORT.

SECTION I.

STATISTICS AND SOCIAL CONDITIONS OF THE
AREA.

Area in acres ... 5,170.19. Population—Census, 1931 ... 29,188.
Registrar-General's estimate of:—

(a) Resident Population, mid-1939, 29,850.

(b) Average population appropriate to the calculation of
death-rates, 29,960.

Number of inhabited houses:—(a) Census, 1931 ... 7,821.

(b) End of 1939 according to rate books ... 9,887 approx.

Rateable value, £149,345. Sum represented by a penny rate,
£590 estimated.

Social conditions—Much the same as previously reported.

Chief industries as before. Several new industries have been
floated. The extent of unemployment shows the general improve-
ment of the country.

VITAL STATISTICS.

STATISTICS.

Vital Statistics, 1939.				Total.	Males.	Females.	Birth Rate.
Live Births	{	Legitimate		442	206	236	15.2
		Illegitimate		13	5	8	
		Total		455	211	244	
							Rate per 1,000 Total Births.
Stillbirths	...	...	...	13	8	5	29
							Crude Death Rate.
Deaths	...	...	...	407	216	191	13.6

Deaths from puerperal causes:—

From Puerperal Sepsis	...	...	...	...	...	1
From Other Puerperal Causes	...	...	...	...	...	1
Death-rate per 1,000 (live and Still) births	...	...	...	...	...	4.27

Death-rate of Infants under one year of age:—

All infants per 1,000 live births	...	...	...	...	...	46
Legitimate Infants per 1,000 legitimate live births	...	...	...	...	...	47
Illegitimate Infants per 1,000 illegitimate live births	...	...	...	...	...	—
Deaths from Cancer (all ages)	...	...	...	...	...	53
Deaths from Measles (all ages)	...	...	...	...	...	—
Deaths from Whooping Cough (all ages)	...	...	...	...	...	2
Deaths from Diarrhoea (under 2 years of age)	...	...	...	...	...	—

COMPARATIVE STATISTICS.

						1935	1936	1937	1938	1939
Marriages	...	...	...	...	...	254	250	258	210	237
Births :										
Legitimate	...	...	...	...	...	362	411	374	389	442
Illegitimate	...	...	...	...	...	8	6	12	13	13
Deaths	...	...	...	...	...	413	422	375	370	407
Birth Rate	...	...	...	...	...	12.7	14.3	13.2	13.6	15.2
Death Rate	...	...	...	...	...	14.2	14.4	12.9	12.5	13.6
Infantile Death										
Rate per 1,000										
Births	...	...	...	...	...	35	52	51	59	46
Diarrhœa Death										
Rate	...	...	...	...	...	0.03	0.13	0.03	0.03	0.00
Epidemic Death										
Rate	...	...	...	...	...	0.06	0.30	0.03	0.23	0.10
Phthisis Death										
Rate	...	...	...	...	...	0.75	0.58	0.27	0.40	0.30
Cancer Death										
Rate	...	...	...	...	...	1.54	1.88	1.27	1.96	1.77

No unusual mortality has been noted during the year. The causes of sickness and invalidity have been average. Conditions of occupation and environment are not specially prejudicial to health. There is no evidence that unemployment has had a deteriorating effect on children or adults.

SECTION II.

General Provision of Health Services

remains as detailed in previous report. There is only one change in the Public Health Staff. ~~Mrs. Hodson resigned and Miss A. Dean was appointed.~~

Laboratory facilities—

Vide Section VI.

Ambulance Facilities

are adequate. The three ambulances will co-ordinate with the A.R.P. services if required.

Nursing in the Home

is carried out by Middleton District Nursing Association by two Queen Alexandra Nurses.

No. of patients attended	328 during the year.
No. of visits	9,035

Clinic Arrangements

are dealt with in the School Medical Report.

Hospital Arrangements

are made outside the area as detailed in previous reports.

Municipal Hospital—Boundary Park Hospital, Oldham.

Public Assistance Medical Officer—Dr. Wallace.

Maternity and Child Welfare Arrangements—

Vide Section VII.

National Health Insurance—

Insured persons ... 15,868.

Legislation in Force,

is published in the Corporation Year Book.

V. D. Clinic.

List is published by the Lancashire County Council.

Health Education

curtailed during year. Pamphlets and posters extensively used.

SECTION III.

SANITARY ARRANGEMENTS.

Water Supply—

as detailed in previous reports.

2 Chemical and 10 Bacteriological Analyses—satisfactory.

Supply, piped, is satisfactory. No form of contamination during year. Steps being taken to chlorinate. No plumbo-solvent action.

Mains laid in the Middleton District during 1939.

	Diameter (inches).	Length (yards).	
Mainway	6	633	Extension
Rochdale Road	4	225	Extension
Elm Bank Road	4	156	Extension
Kirkway	4	156	Extension
Monmouth Street	4	100	Extension
Green Street	4	84	Extension
Guildford Grove	4	81	Extension
Penrhyn Avenue	4	63	
Manchester New Road	4	58	Extension
Norman Street	4	53	Extension
Kingsway	4	45	Extension
Pilkington Street	4	37	Extension
Milton Street	4	12	Extension
Brassey Street	2	133	Extension

No. of houses supplied, 10,190. The supply is direct. The whole population is supplied with the exception of isolated farms which draw their supply from surface wells.

Drainage and Sewerage.

Extensions during the year:—

21 in. diameter pipes.	Sewer	90 yards.
12 in. ,, ,, ,,		160 ,,
9 in. ,, ,, ,,		1,205 ,,

No further action possible in the Birch-Bowlee scheme during year.

Rivers and Streams.

Under the control of the Lancashire Rivers Board. No major developments during the year.

Closest Accommodation.

Privy middens:—No. of middens, 63; closets attached to these middens, 63; pail closets, 194; dry ashpits (excluding middens), 1,415; movable ashbins, 6,471; houses on water carriage system, 9,447; fresh water closets, 5,913; waste water closets, 2,903.

No conversions were carried out.

Houses at which movable ashbins have been substituted for fixed ashpits, 33.

Public Cleansing.

Carried out by Sanitary Inspector's Staff.

(a) Storage.

No. of Brick Ashpits.	No. of Wall Ashbins.	No. of Movable Ashbins.
1,145	358	6,471

(b) Removal.

The cost of refuse removal during the financial year was £3,403 16s. 0d.

(c) Disposal of Salvage.

The new Salvage Plant has been operating since June, 1938. The income from salvaged materials during the period was £458 3s. 7d.

Cesspool cleansing is carried out by nightsoil tank and the contents are disposed of to farmers.

Sanitary Inspections.

No. of premises visited, 3,730. Defects or nuisances discovered, 685; abated, 595; notices served—Informal, 434; Statutory, 6.

	Notices Served.			Proceed-	
	Defects found	Informal	Statutory	Complied with	ings taken
Houses	303	106	6	91	—
Closets	104	98	7	97	—
Ashpits	161	127	—	123	—
House-drains	57	61	—	60	—
Waste pipes and Sinks	20	14	—	12	—
Yards and Passages	15	9	—	4	—
Accumulations	6	6	—	5	—
Other Nuisances	19	13	—	13	—
Common Lodging Houses	—	—	—	—	—
Keeping of Animals	—	—	—	—	—

Number of Defects reported to Medical Officer of Health 63.

Shops and Offices.

No action taken under the Shops Act, 1934, or the Public Health Act, 1936, during the year.

Camping Sites.

None, other than Military, in the area.

Smoke Abatement.

128 observations were taken by the Sanitary Department during the year.

The time limit allowed for black smoke emission was exceeded in 11 instances. In 3 cases formal notices were issued.

Proceedings were instituted in 4 cases. A Magistrate's Order to abate was made in 1 instance and in 3 cases prosecutions were made and a Penalty of £1 in each case was imposed.

The number of factory and works chimneys in the district is 57.

Factories, Workshops and Workplaces.

Inspections	34	Notices	5
Defects	1	Remedied	1
Other Nuisances—Found		3	
	Remedied	3	
Sanitary accommodation		5	Remedied ... 5

Swimming Baths.

New public baths opened 1938.

Attendances during year—65,383.

Conditions—modern and satisfactory.

Eradication of Bed Bugs.

Action taken in 12 cases. (2 Council houses and 10 private property).

H.C.N. process and steam disinfection.

Sanitary Condition of Schools.

Vide School Medical Report.

Offensive Trades.

None.

Common Lodging Houses.

There are 2 in the Borough, registered.

Address.	Accommodation.	
	Bedrooms.	Occupants.
15 Simpson Street	4	12
58 Old Hall Street	5	17
	—	—
	9	29
	—	—

The conditions are average.

Houses Let in Lodgings.

Three houses are registered. The accommodation in each house is as follows:—

Address	Total No. of Rooms of Rooms	Total No. of Rooms available (let in lodgings)	Washing Accom- W.C.'s Bath modation		
			Wash boiler	2	No
2 Heap Street ...	9	6	Wash house	2	Yes
Sedgeley House	9	4	Cellar	1	No
25 King Street ..	13	2			

Tents, Vans and Sheds.

No action was taken under the By-Laws.

Underground Sleeping Rooms.

Housing Act, 1936. None in area.

Canal Boats.

No action.

Rag Flock Acts 1911 and 1928.

No action.

Agriculture Act, 1937.

5 instances of Tubercular Milk were reported to the County during the year.

Inspections were made by the Veterinary Inspector of the Ministry of Agriculture and Fisheries and the affected cattle were dealt with under the Provisions of T.B. Order, 1938.

SECTION IV.

HOUSING.

(a) **Statistics.**

New Houses.

(a) Total (including numbers given separately under (b))	320
(i) By the local authority	84
(ii) By other local authorities	—
(iii) By other bodies or persons	236
(b) With State assistance under the Housing Acts:	
(i) By the local authority (included under (a) (i) above)	84
(ii) By other bodies (included under (a) (iii) above)	—

(b) **Housing Conditions.**

Standard prevailing—Cottage property, 4—5 rooms.	
Housing defects reported during year	685
New houses built during year	320
Baths in houses	5,009

Sufficiency.

Rate of building since 1914—137 per year.
as compared with, before 1914—95 per year.

Overcrowding.

Only 4 houses are now on the Register; difficulty due to accommodating large families.

Housing Schemes.

Completion of Moorclose & Rhodes Estates. Further schemes delayed.

Housing Acts.

No action during the year.

Fitness.

No unfit houses were dealt with by the Housing Committee during the year.

In 1,850 cases there are 2 houses with 1 W.C.

„	136	„	3	„	„
„	4	„	4	„	„

Town Planning.

Owing to the outbreak of war no further progress made.

SECTION V.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

The Milk and Dairies (Consolidation) Act, 1915, the Milk and Dairies (Amendment) Act, 1922, and the Milk and Dairies Order, 1926—carried out.

Inspections made during year	144
Referred to County Council	5

Milk (Special Designations) Orders, 1936 and 1938.

Under the Milk (Special Designation) Order, 1936, two Licences for Bottling “Grade A (Tuberculin Tested)” Milk; two for Distribution of “Grade A (Tuberculin Tested)” Milk, and four for Bottling and Distribution of Accredited Milk were issued during the year.

No. of Licences issued in respect of “Pasteurised” Milk :—

Pasteurising plants	Nil
Retail distributors	15

There was one refusal of registration of retailer during the year on account of dairy accommodation being unsatisfactory.

Dairies, Cowsheds and Milk Shops.

The number of dairy farms in the area on the register is 70; number of cows approximately 1,200; the number of cow keepers 70; number of milk purveyors (other than cow keepers), 54.

Condition of farms, on the whole, average.

Inspections.

Veterinary Inspection of Dairy Cows carried out in accordance with Circular 1685 (Agriculture Act, 1937, Part IV).

No structural improvement noted during the year.

Tuberculous Milk.

Samples taken for biological test	76
Positive	5

Action taken. Reported to L.C.C. Cases followed up by Veterinary Inspector of Ministry of Agriculture and Fisheries.

Bacteriological examinations by Methylene Blue Coliform Test, 88 samples; Satisfactory, 47; Not satisfactory, 41.

Action taken by reviewing conditions and warning farmer.
17 Sediment tests carried out.

Meat and Other Foods.

Inspections carried out 596.

Found Unfit for human consumption (see page 24).

Legal proceedings—None.

Food Poisoning—None reported.

Adulteration.

Under Food and Drugs (Adulteration) Act and Food and Drugs Act, 1938—

107 Samples examined—all genuine except 1 sample of Milk—poor quality. A further sample proved satisfactory.

Nutrition.

Special attention, supervision and recommendation are being exercised in this direction under war conditions.

Number of Condemnations.							
Animal.	Total No. of killings.	Number of carcasses inspected.	Entire carcasses.		Parts of carcasses or organs.		
			For Tuberculosis	For diseases other than Tuberculosis	For Tuberculosis	For diseases other than Tuberculosis	For Tuberculosis
Cattle (other than cows)	—	—	—	—	—	—	—
Cows	396	370	4	—	1	—	15
Calves	106	106	—	—	—	—	—
Sheep and Lambs	3,861	3,781	—	—	—	—	12
Pigs	334	326	—	—	—	—	4
Total	4,700	4,583	4	—	1	—	31

INCIDENCE AND PREVALENCE, 1939.

TOTAL CASES NOTIFIED

TOTAL CASES NOTIFIED															Hospital.	
Diseases.	Total cases at All Ages.	Under 1.	1—2.	2—3.	3—4.	4—5.	5—10.	10—15.	15—20.	20—35.	35—45.	45—65.	65 & Over.	Total Deaths.	Total Cases Re- moved to Hospital	Deaths in Hospital of persons belong- ing to the district
Scarlet Fever	60	1	—	3	7	10	23	13	1	2	—	—	—	—	34	—
Diphtheria (including Membranous Croup)	13	—	1	—	3	1	4	3	1	—	—	—	—	1	11	1
Enteric Fever	1	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—
Acute Pneumonia	24	—	—	—	—	1	3	1	2	2	4	5	6	17	6	4
Puerperal Pyrexia	2	—	—	—	—	—	—	—	—	2	—	—	—	—	4	—
Cerebro-Spinal Fever	1	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—
Erysipelas	4	—	—	—	—	—	1	—	—	—	—	3	—	—	—	—
Chickenpox	92	3	4	9	12	13	43	7	—	1	—	—	—	—	—	—
Measles (excluding German Measles) ...	4	—	1	—	1	—	2	—	—	—	—	—	—	—	—	—
Whooping Cough	15	1	3	2	5	2	2	—	—	—	—	—	—	2	1	1
Influenza	—	—	—	—	—	—	—	—	—	—	—	—	—	9	—	4
German Measles	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Totals	217	5	9	14	28	27	80	24	5	7	4	8	6	29	58	10

Control.

Hospital Provision.

Smallpox—Racefield Hospital, Chadderton.

Accommodation allotted—3 beds; as Racefield Hospital is in use by the Lancashire County Council for T.B. cases, accommodation is available at Ashton-under-Lyne Smallpox Hospital by arrangement.

During the year application was made to the Ministry of Health, and approved, for an order under Section 6 Public Health Act, 1936, to constitute the Authorities of Middleton, Chadderton, Royton, Crompton and Failsworth into a new Board for the purpose of making accommodation for infectious diseases, (including smallpox), under areas 11 and 12 of the County Scheme.

Other Infectious Diseases are at present accommodated at Marland Fever Hospital, by agreement with Rochdale County Borough.

Average stay in hospital during the year of diphtheria cases has been thirty-one days. Type, mild on the whole, one severe.

Scarlet Fever average stay—31 days. Type, mild.

Bacteriological and Pathological Investigation.

Specimens examined in 1939 :—

(a) diphtheria	162	(b) scarlet fever	—	(c) enteric fever	3
(d) miscellaneous :—					
Milk for methylene blue reduction test	.....				75
Milk for bacterial count and B.Coli	.....				1
Diphtheria virulence test	.....				2

Immunisation of Diphtheria.

The scheme to provide an Immunisation Clinic has been deferred owing to war conditions. At present the General Practitioners are provided with A.P.T. and T.A.F. serum and the service is free to parents. The response of parents is disappointing; only 13 cases being recorded during the year.

Diphtheria Anti-toxin.

11 phials 4,000 units and 26 phials 8,000 units issued during 1939. Supplies issued at Health Centre.

Measles serum has been used by the General Practitioners in some cases.

Typing of Pneumococci is carried out in Hospital cases.

Pneumonia, Malaria, Dysentery and Trench Fever

Regulations.

Cases notified :—

	1935	1936	1937	1938	1939
Pneumonia	44	32	43	40	24
Malaria	—	—	—	—	—
Dysentery	—	—	—	—	—
Trench Fever	—	—	—	—	—

Disinfection.

Hypochlorite Fluid is manufactured by means of a Mather and Platt Electrolyser. Total quantity manufactured during the year 1244 gallons.

Number of houses disinfected during the year was 106 by Formaldehyde and Sulphur Fumigation.

Houses are disinfected after T.B. Pulmonary deaths and removals to Sanatoria 18 during the year.

The number of articles of clothing, etc., disinfected was 3,652, by means of a Thresh Steam Disinfector.

Disinfestation was carried out in 12 houses.

The Cyanide process is carried out in houses infested with Bugs.

There are no arrangements for bathing Verminous persons.

Animal and Insect Pests.

A public press notice was issued under the Rats Destruction Act.

Following up.

vide School Medical Report.

Tuberculosis.

Notification of Tuberculosis.

Article 5 of the Tuberculosis Regulations has been referred to in Annual Reports for several years.

Notifications.

	1935	1936	1937	1938	1939
Pulmonary :					
Male	15	13	11	6	8
Female	4	7	2	8	9
Non-Pulmonary :					
Male	4	3	7	4	2
Female	7	6	5	4	—

Ratio of non-notified deaths to total Tuberculosis deaths - 2 non-notified out of 11 deaths.

No Tuberculous employees in milk trade have been notified during the year.

Date of Notification before Death.

	1935	1936	1937	1938	1939
Death before notification	—	—	—	—	—
Less than one month before death	3	2	4	3	—
Ditto 2 months	—	2	2	1	—
Ditto 3 „	—	2	2	—	—
Ditto 4 „	2	—	—	—	1
Ditto 5 „	—	2	—	1	1
Ditto 6 „	—	—	—	1	1
Over 6 months	—	—	—	—	—

New Cases and Deaths during 1939.

Years	New Cases				Deaths			
	Non-Pulmonary		Pulmonary		Non-Pulmonary		Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0- 1	—	—	—	—	—	—	—	1
1- 5	—	—	1	—	—	—	—	—
5-10	—	—	—	—	—	—	—	—
10-15	—	—	—	—	—	—	—	—
15-20	1	2	—	—	—	—	—	—
20-25	1	1	—	—	—	—	—	—
25-35	2	4	1	—	—	3	—	—
35-45	1	1	—	—	—	1	—	—
45-55	2	1	—	—	1	—	—	—
55-65	1	—	—	—	2	—	—	1
65 and upwards	—	—	—	—	2	—	—	—
	8	9	2	—	5	4	—	2

Cancer.

The same remarks apply as last year.

Cancer Deaths, 1939.

Part Affected	M.	F.	Ages			N.	Wards				
			25	45	65		C.	S.	E.	P.	W.
			to	to	and						
			45	65	over						
Gastro-											
Intestinal ...	17	9	4	10	12	3	5	11	2	2	3
Breast	—	6	1	1	4	1	—	4	—	—	1
Uterine	—	6	—	4	2	—	2	2	—	2	—
Urinary System	1	—	—	1	—	—	—	1	—	—	—
Periosteum ...	1	—	—	—	1	1	—	—	—	—	—
Antrum	1	—	—	1	—	—	—	—	—	—	1
Bronchus	3	—	1	1	1	—	1	—	2	—	—
Oesophagus ...	1	1	—	2	—	—	—	1	—	1	—
Palate	1	—	—	—	1	—	—	—	1	—	—
Lung	—	2	—	—	2	—	—	2	—	—	—
Tongue	2	—	—	—	2	—	—	—	—	1	1
Total ...	27	24	6	20	25	5	8	21	5	6	6

SECTION VII.

MATERNITY AND CHILD WELFARE.

Statistics.

						Rates per 1,000 Live Births			
						Middleton		England & Wales	
						1938	1939	1938	1939
Deaths under one year of age	...	...	...	...	...	59	46	53	50
Deaths from Diarrhoea and Enteritis									
under 2 years of age	...	...	...	...	...	2.48	—	5.5	4.6
Maternal Mortality.									
Puerperal Sepsis	...	...	...	...	...	2.48	2.19	0.89	0.77
Others	...	...	...	...	...	—	2.19	2.19	2.16
Total	...	...	...	...	...	2.48	4.38	3.08	2.93

Rates per 1,000 Total Births (i.e. Live and Still)

Notifications.

Puerperal fever	...	...	...	2.33	4.27	14.42	14.35
Puerperal pyrexia	...	...	...	Nil	...	...	...

Births.

Births notified under the Notification of Births Act—

(a) Live Births 263 (b) Stillbirths 4 (c) Total 267*

(d) By Midwives 261 (e) By Doctors and Parents 6

Failure to Notify 3.

*In addition 179 births, 173 live and 6 stillbirths took place in hospitals, etc., outside the Borough.

Non-notification occurred in 3 cases. The parent in each case was written, and action taken by the Health Committee.

Deaths.

Infantile Causes.	M. F.		Months												Total
	Under														
	1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	10-11	11-12				
Congenital Debility, Malformation, Premature Birth	8	4	12	—	—	—	—	—	—	—	—	—	—	—	12
Pneumonia	—	1	—	—	—	—	—	—	—	—	1	—	—	—	1
Bronchitis	1	—	—	—	—	—	1	—	—	—	—	—	—	—	1
Diarrhœa	1	1	—	—	1	1	—	—	—	—	—	—	—	—	2
Hæmorrhage	2	—	2	—	—	—	—	—	—	—	—	—	—	—	2
T.B. Meningitis	1	—	—	—	—	1	—	—	—	—	—	—	—	—	1
Septicæmia	—	1	—	—	—	—	—	—	—	—	—	1	—	—	1
Streptococcal Infection of umbilicus	1	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Total	14	7	15	—	—	1	2	1	—	—	1	1	1	1	21

Home Visiting.

Number of Home Visits made by the Health Visitors :—

		1937	1938	1939
(a) To Expectant Mothers	First Visits	54	58	57
	Total Visits	422	423	498
(b) To Post-Natal Mothers	Total Visits	364	444	470
(c) To Children under 1 year of age	First Visits	372	455	466
	Total Visits	1,751	1,927	2,114
(d) To Children between the ages of 1 and 5 years	Total Visits	3,326	3,493	3,673

Welfare Centres.

(a) No. of Attendances at the Centres—

		Durnford Middleton			Total
		Street	Junction	Rhodes	
(1) Children under 1 year	1937	3,785	631	—	3,416
	1938	2,979	632	—	3,611
	1939	2,954	986	166	4,106
(2) Children 1—5 years	1937	3,161	928	—	4,089
	1938	3,510	996	—	4,506
	1939	2,685	913	256	3,854

(b) No. of Children attending for the first time—

	1937	1938	1939
(1) Children under 1 year	187	205	229
(2) Children 1—5 years	64	67	64

Ante- and Post Natal Services.

(c) Ante-Natal—

	1937	1938	1939
No. of Attendances of Expectant Mothers at Ante-Natal Clinic	134	214	151
No. of Attendances of Expectant Mothers at Welfare Centres	263	332	216
No. of Attendances of Expectant Mothers at Dental Clinic	14	29	6
No. of Expectant Mothers attending	95	155	134
Percentage to notified Births for the year	34.93%	62.51%	50.19%

(d) Post Natal—

	1937	1938	1939
No. of Attendances of Post-Natal Mothers at Ante-Natal Clinic	20	17	6
No. of Post-Natal Mothers attending	13	14	6
Percentage to notified Births for the year	4.78%	5.73%	2.25%

Midwives.

Four appointed under The Midwives Act.

Cases attended during year :—

	1937	1938	1939
(a) As Midwife	256	246	265
(b) As Nurse	21	37	34
(c) No. of cases in which medical help was summoned	111	114	145

Maternity Homes and Hospitals.

None in area. Accommodation available at Boundary Park Municipal Hospital, St. Mary's Hospital, Manchester, Crumpsall Hospital, North Manchester Maternity Home.

No. of notifications of births received during year from above—179 (173 Live, 6 Stillbirths).

Provision for Unmarried Mothers.

Illegitimate infants, homeless children, sick and mentally defective children, available at Municipal Hospital, Oldham. No arrangements exist for Convalescent Homes for Expectant and Nursing Mothers.

Children under five can be admitted to the Convalescent Sanatorium, Southport.

No Day or Residential Nurseries in area.

Maternal Deaths.

	At Home	In Institutions
(a) From Sepsis	—	1
(b) From other causes	—	1

Birth Control.

Crumpsall Hospital—no cases referred.

Emergency Maternity Unit.

Supplied by St. Mary's Hospital, Manchester.

Puerperal Fever and Pyrexia Regulations.

Vide Annual Report, 1932, page 99.

Prevention of Blindness.

In accordance with Circular 1621, Public Health Neonatorum Regulations 1926—1937.

Hospital Treatment—Manchester Children's Hospital.

Home Nursing—followed up by Health Visitors, Middleton District Nursing Association under General Practitioners.

Orthopaedic Treatment.

Vide School Medical Report.

Dental Treatment.

Vide Annual Report 1938.

No. of cases—Expectant Mothers	4
Children under 5	17

Home Nursing.

Middleton District Nursing Association.

No. of cases—Maternity and Child Welfare	12
--	----

Home Helps.

Arrangements, vide Minute 1331 (1919).

No. of cases ...	4.
------------------	----

Child Life Protection.

Visitors—3 Health Visitors.

No. of persons registered for children under school age	2
No. of children under 5	2
Conditions satisfactory.	

Infectious Diseases.

Disease.	No. of cases notified during year.	No. of cases visited by officers of the Council.	No. of cases for whom home nursing was provided by the Council.	No. of cases removed to hospital.
Puerperal Fever	—	1	—	1
Puerperal Pyrexia	2	3	—	2
Measles and German Measles (in children under 5 years of age)	1	6	—	—
Whooping Cough (ditto)	13	172	—	2
Epidemic Diarrhœa (ditto)	—	3	—	—

VIDE SECTION VI.

Milk and Food Supply.

Arrangements as before.

Quantity supplied free:—5.5/8 gallons Liquid Milk.

3,492 lbs. Dried Milk.

Supplied at reduced rate:—338 lbs. Dried Milk.

Cost—£298 8s. 3d.

No. of Mothers and Children supplied ... 144

Section VIII.

REPORT
on the
MEDICAL INSPECTION OF SCHOOL
CHILDREN

For the Year ending December 31st, 1939.

EMERGENCY REPORT.

With reference to Form 6M. (Board of Education) owing to the abnormal conditions arising out of the War this Report will be curtailed in view of the need for Economy.

Reference will be made to previous reports where conditions are similar, but:—

- (a) Changes in the Staff,
- (b) Re-arrangements for Inspections and Clinics,
- (c) Arrangements for Meals and Milk,

will be dealt with.

The Health Centre was taken over as the First Aid Post on the 1st September and the entire staff placed on A.R.P. duties.

Other buildings had to be selected for Clinic uses and the whole Clinic Service re-organised.

Approval was given for the recommendations made and the re-organised Clinics began to function on the 16th October, 1939, in accordance with the sub-joined Schedule. *

DISTRICT CLINICS.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	DAILY
Durnford St. Minor Ail- ments 10—12 a.m. Dental Treatment 10—12 a.m. (Inspection last Monday in month) Remedial 2—5 p.m.	Durnford St. Minor Ail- ments 10—12 a.m. Dental Treatment 2—4 p.m. Eye 10—12 a.m. (alternate weeks)	Durnford St. Minor Ail- ments 10—12 a.m. Dental Treatment 10—12 a.m. (Inspection alternate weeks)	Durnford St. Minor Ail- ments 10—12 a.m. Dental Treatment 10—12 a.m. Child Welfare 2—5 p.m.	Durnford St. Dental Treatment 2—4 p.m. Sunlight Remedial 2—5 p.m.	Health Centre Review Clinic
Elm Street Minor Ail- ments 10—12 a.m.		Elm Street Minor Ail- ments 10—12 a.m.		Elm Street Minor Ail- ments 10—12 a.m.	
Rhodes Infants Minor Ail- ments 10—12 a.m.	Rhodes Infants Child Welfare 2—4 p.m.	Rhodes Infants Minor Ail- ments 10—12 a.m.		Rhodes Infants Minor Ail- ments 10—12 a.m.	
		St. Gabriel's Child Welfare 2—4 p.m. (Reading Room)			

CO-ORDINATION WITH THE CHILD WELFARE SERVICE.

There is complete co-ordination as described in previous Reports.

The work of the Child Welfare Service is given in Section VII. of the combined Report on the Health of the Borough.

Staff.

As before with the addition of a Junior Clerk appointed 31st August, 1939. (Vide Minute 3171/1939).

SCHOOL HYGIENE.

The Schools have been under constant supervision as in previous years. The following matters came under review during the year:—

Suggestions re ventilation of Classrooms; Classroom combined with Cloakroom; Servicing of Milk bottles; Free baths for poorer children; Defective light and ventilation in Temporary School; Manure dump adjacent to School wall; Opaque window panes; Thorough cleansing of School during week-ends; Disinfection of books from School Library; Changing and disinfection of sand in School Sand-pits; Accommodation for Medical Inspection; Deficient Cloakroom accommodation; Servicing temporary W.C. accommodation pending installation of permanent W.C.'s; Daily cleansing recommended owing to unsatisfactory condition of School; Low temperature; Flushing cistern defective; Cleansing of Intercepting Chambers; Defective Inspection Chamber cover; Defective Flush pipe; Drain requiring rodding; Defective Inspection Chamber cover; Blocked drain and surface drain; Defective Closet door; Defective Dustbins; Blocked rainwater pipe; Defective grate of surface gully; Defective cement surface chamber; Defective rainwater pipes; Defective Dustbins; Defective Inspection Chamber cover.

Improvements carried out during the year.

No structural improvements were carried out during the year.

The building of the new Primary School at Alkrington is proceeding.

Three Vita Glass panes were replaced in broken windows during the year, making a total now of 232.

Personal Cleanliness of Children.

Particular attention has been given to this matter. In general the children are clean and well-cared for.

General Cleanliness Inspections were carried out by the School Nurses with the following results:—

Number of Children examined.	Unsatisfactory Conditions Found:			
	Nits.	Skin.	Cloth- ing.	Foot- gear.
9,773	404	66	24	39

Health Education.

A Schools Health Week was arranged as in previous years but was cancelled owing to the National Emergency. Posters, Pamphlets and the Schools Health Songs were distributed to the Schools.

MEDICAL INSPECTION.

Routine Medical Inspections of the three age-groups are carried out:—

- (1) in compliance with Article 17 of the Consolidated Regulations relating to Special Services—Grant Regulations No. 19;
- (2) on the school premises (or at a place specially sanctioned by the Board);

(3) for the purpose of making a report on each child on the lines of the approved Schedule set out in Circular 582.

The number of children inspected during the year was:—

	Routine.	Special.	Re-Inspections.
	1135	1,489	769
Entrants	404		
Intermediates ...	391		
Leavers	292		
Other Ages	48		

Statistics for Previous Years—Routine Inspections.

	1934.	1935.	1936.	1937.	1938.
Routine	1,150	1,134	1,100	1,160	1,135
Specials	1,368	1,578	1,670	1,856	1,489

Nature of Medical Inspection—Findings.

The inspection of each child entails the detailed examination under each particular given in the Schedule below.

The figures shown opposite each item give the total number of Defects found in Routine and Special Inspections Combined (2,624 Total).

	1938	1939
1. Clothing	6	5
2. Footgear	8	6
3. Cleanliness—Head	28	34
4. „ Body	2	1
5. Nutrition	32	82
6. Skin—Ringworm, Head	—	—
7. „ „ Body	4	1
8. „ Scabies	1	3
9. „ Impetigo	115	38
10. „ Other Diseases	165	123
11. Eye—Blepharitis	23	19

								1938	1939
12.	„	Conjunctivitis	...	...	...	...	...	31	25
13.	„	Other Conditions	...	...	...	...	...	45	18
14.	„	Vision R.	...	...	...	...	...	}196	201
15.	„	„ L.	...	...	...	...	...
16.	„	Squint	...	...	...	...	...	71	49
17.		Ear—Hearing	...	...	...	...	...	26	14
18.	„	Otitis media	...	...	...	...	...	39	34
19.	„	Other Diseases	...	...	...	...	...	9	15
20.		Nose & Throat—Tonsils	...	...	...	...	...	370	386
21.	„	Adenoids	...	...	...	...	...	4	3
22.	„	Other Conditions	...	...	...	...	...	162	191
23.	„	Tonsils & Adenoids	...	...	...	...	...	15	14
24.		Cervical Glands	...	...	...	...	...	188	135
25.		Speech	...	...	...	...	...	12	22
26.		Teeth—Number Decayed	...	...	...	...	...	550	610
27.	„	Conditions (other)	...	...	...	...	...	26	64
28.		Heart and Circulation	...	...	...	...	...	63	78
29.		Anæmia	...	...	...	...	...	70	54
30.		Lungs	...	...	...	...	...	46	33
31.		Tuberculosis—Pulmonary	...	...	...	...	...	—	1
32.	„	Non-Pulmonary	...	...	...	...	...	8	7
33.		Nervous System—Epilepsy	...	...	...	...	...	4	5
34.	„	Chorea	...	...	...	...	...	1	1
35.	„	Other Conditions	...	...	...	...	...	57	40
36.		Deformities—Rickets	...	...	...	...	...	20	10
37.	„	Spinal Curvature	...	...	...	...	...	6	8
38.	„	Other Forms	...	...	...	...	...	250	247
39.		Other Defects and Diseases	...	...	...	...	...	863	488
40.		Mental Conditions	...	...	...	...	...	21	9

PHYSIQUE OF THE CHILDREN.

Averages.

The averages of the Height and Weight correlation in Middleton children compared with the British (Dunstan table) and American (Emerson) standards, and the number of children shewing a 7% (and more) Underweight for Height in each.

Middleton				British (Dunstan)			American (Emerson)		
Height	1939 Weight	Cases 7% Un'wgt.	Average of 5 years Weight	Hgt.	Wgt.	Cases 7% Un'wgt.	Hgt.	Wgt.	Cases 7% Un'wgt.
38				38			38		
& under	33.52	1	34.5	38	34	4	38	33.5	4
39	36.4	3	35.5	39	35	—	39	34.5	—
40	38.42	9	37	40	36	1	40	36	1
41	39.75	4	38	41	38	1	41	37.5	—
42	41.88	6	40	42	40	14	42	39	6
43	42.97	4	41	43	42	4	43	41	2
44	46.37	12	43.5	44	44	12	44	43	5
45	47.30	3	45.5	45	45	—	45	45.5	—
46	51.52	12	48.5	46	48	7	46	47.5	7
47	50.74	9	49	47	50	—	47	50	—
48	53.56	4	52.5	48	52	6	48	52.5	6
49	56.33	5	55	49	54	2	49	55	4
50	58.27	10	57	50	56	7	50	58	16
51	61.17	5	60	51	59	1	51	61	5
52	64.51	11	63.5	52	62	4	52	64	9
53	67.14	6	66.5	53	65	2	53	68	5
54	71.53	4	69	54	68	8	54	71.5	19
55	77.35	6	73.5	55	71	4	55	75	4
56	76.42	10	73.5	56	74	1	56	79	5
57	79.94	12	79	57	77	—	57	84.5	1
58	84.79	2	83.5	58	80	—	58	89	19
59	90.97	11	86	59	83	1	59	94	7
60	92.70	7	90.5	60	86	1	60	100	7
61	103.71	9	93.5	61	89	—	61	105	—
62	101.5	—	96.5	62	92	—	62	111	5
63	96.25	—	109.5	63	95	—	63	116.5	—
64	103	—	106	64	98	—	64	121.5	1
65	—	—	108.5	65	101	—	65	126	—
66	—	—	110	—	—	—	—	—	—
67	—	—	114.5	—	—	—	—	—	—
68	—	—	—	—	—	—	—	—	—
69	—	—	82	—	—	—	—	—	—
70	—	—	110	—	—	—	—	—	—

FOLLOWING UP.

1.	Visits to the Schools by the School Nurses	...	...	995
	(a) General Cleanliness Inspections	...	...	9,773
	(b) Follow-up of S.M.I. Defects	...	...	1,073
	(c) Conferring with Teachers re Sick Absentees	...	150	
	(d) Clinic non-attendance enquiries	...	...	171
	(e) Contacts and suspicious cases of Infection	...	277	
2.	Home Visits:—			
			No. of Visits	
	(a) Nursed out children under the Children Act	...	28	
	(b) Sick Absentees	...	...	903
	(c) Infectious Cases and Contacts	...	...	194
	(d) Cases of Prolonged Absenteeism	...	...	9

NUTRITION.

No. examined.	Assessment of children.			
1,135.	A. & B.			94.7%
	C. & D.			5.3%
No. of children receiving school milk free	...	...	...	502
No. of children receiving a Mid-Day Meal	...	...	...	98
Physique—See page 45 and Nutrition Clinic.				

CONTROL OF INFECTIOUS DISEASES.

State of Vaccination.

Year.	Entrants.	Intermediates.	Leavers.	Others.
	per cent.	per cent.	per cent.	per cent.
1935	12.82	28.70	28.99	35.01
1936	12.67	27.37	35.5	11.76
1937	18.04	26.28	28.09	19.51
1938	14.69	16.9	34.47	18.18
1939	11.63	19.18	27.40	14.59

Infectious Diseases History.

	Entrants.	Intermediates.	Leavers.	Others.
	per cent.	per cent.	per cent.	per cent.
Measles	42.58	86.44	77.74	75.00
Whooping Cough	30.45	47.31	40.42	50.00
Chickenpox ...	20.54	44.75	42.82	45.84
Scarlet Fever ...	5.69	6.90	13.36	8.33
Diphtheria ...	3.71	2.81	6.85	4.16
Pneumonia ...	5.69	11.25	11.98	12.5
Other Diseases .	8.66	14.51	19.52	14.57

Incidence of Infectious Diseases.

	Ch	SF	D	Pn	M	WC	E	TB	CSF	T
Parish C. of E. ...	5	6	—	—	—	—	—	—	—	11
Durnford Street ...	10	—	4	1	—	—	—	—	1	16
Thornham	—	—	—	—	—	—	—	—	—	—
Boarshaw Primary .	30	8	—	1	—	—	—	—	—	39
Parkfield	3	2	—	—	1	—	—	—	—	6
Rhodes	—	1	—	—	—	1	—	—	—	2
Birch	—	—	—	—	—	—	—	—	—	—
Bowlee	2	—	—	—	—	—	—	—	—	2
Tonge	3	5	—	1	1	—	1	—	—	11
St. Peter's	1	6	2	—	—	—	—	—	—	9
Elm Street	1	3	—	1	—	—	—	—	—	5
St. Gabriel's	—	2	—	—	—	—	—	1	—	3
Alkrington	—	1	—	—	—	1	—	—	—	2
Other	1	4	—	—	—	—	—	—	—	5
	56	38	6	4	2	2	1	1	1	111

Ch—Chickenpox. SF—Scarlet Fever. D—Diphtheria. Pn—Pneumonia.

M—Measles. WC—Whooping Cough. E—Erysipelas.

TB—Tuberculosis, Non-Pulmonary. CSF—Cerebro-Spinal **Fever**.

T—Total.

Seasonal Incidence.

			Ch	SF	D	Pn	M	WC	E	TB	CSF	T
January	...	...	37	1	—	—	—	—	1	—	—	39
February	...	...	8	4	—	—	—	—	—	—	—	12
March	...	...	5	2	1	2	—	—	—	—	—	10
April	...	...	3	2	—	—	—	—	—	—	—	5
May	...	...	3	7	2	—	—	—	—	—	1	13
June	...	...	—	2	1	2	—	—	—	—	—	5
July	...	...	—	4	—	—	—	—	—	—	—	4
August	...	...	—	4	—	—	—	—	—	—	—	4
September	...	...	—	3	—	—	—	—	—	—	—	3
October	...	...	—	4	—	—	—	—	—	—	—	4
November	...	...	—	2	1	—	1	2	—	—	—	6
December	...	...	—	3	1	—	1	—	—	1	—	6
			56	38	6	4	2	2	1	1	1	111

Ch—Chickenpox. SF—Scarlet Fever. D—Diphtheria. Pn—Pneumonia.
M—Measles. WC—Whooping Cough. E—Erysipelas.
TB—Tuberculosis, Non-Pulmonary. CSM—Cerebro-Spinal **Fever**.
T—Total.

Age Incidence.

	Years													T'tl
	3	4	5	6	7	8	9	10	11	12	13	14	15	
Boys	—	7	8	8	14	5	2	2	2	3	1	1	—	53
Girls	—	2	14	10	11	6	3	7	2	2	1	—	—	58
<hr/>														
	—	9	22	18	25	11	5	9	4	5	2	1	—	111

Exclusions. (Under Art. 53 (b). Code 1909).

1.				2.	3.
Infectious			Other		
Infectious	not		(ringworm,		Debility,
Notifiable.	notifiable.	Contacts.	etc.)	Verminous.	&c.
114	99	85	28	—	83
Period in days.					
1,623	1,762	870	154	—	388

		No. of children excluded.	No. of days excluded.
Under Paragraph	1	326	4,409
„	2	—	—
„	3	83	388

Infectious Diseases Investigated in the homes.

		First Visit.	Subsequent Visit.
Scarlet Fever	... ..	37	26
Chickenpox	... ..	57	11
Diphtheria	... ..	9	31
Pneumonia	... ..	4	3
Measles	... ..	6	1
Whooping Cough	... ..	66	—
Contacts	... ..	12	1
Suspicious Throats	...	1	3
Other Visits	... ..	2	1

Disinfection of Schools.

The number of schools disinfected during the year by the Sanitary Department was 38.

Closure of Schools.

No schools were closed during the year on account of epidemic disease.

Low Attendance Certificates Issued.

School.		Week ending.	Per Cent. Attendance.
Parkfield Infant	... ..	12th May	47.7
„	„	19th May	48.9
„	„	25th May	46.9

MEDICAL TREATMENT.

Cost of Treatment.

COST OF PREVENTION.										Approximate cost per attendance.	
					Nett Cost.						
					£	s.	d.			s.	d.
1.	Dental Clinic	...	...	...	119	19	10	...	...	1	6 $\frac{3}{4}$
2.	Minor Ailments	...	...	...	30	5	2	...	...	0	1 $\frac{1}{4}$
3.	Eye Clinic	...	...	...	58	18	9	...	...	1	8 $\frac{1}{2}$
4.	Sunlight Clinic	...	...	...	0	4	4	...	...	.03	
5.	Remedial Clinic	...	...	...	53	11	2	...	...	1	6 $\frac{1}{2}$

Minor Ailments Clinic.

Sessions.	Cases.	Attendances.	Treatments.
353	1,095	5,548	4,854

Nature of Cases.

Nature of Cases.								Attendances			
								1936	1937	1938	1939
Cleanliness—Head	}	...	...	...	...	...	18	—	—	1
Body											
Nutrition	...	...	...	...	...	...	17	29	12	34
Ringworm—Head	}	...	...	...	...	...	—	—	—	—
Body											
Scabies	...	...	...	...	...	...	15	92	—	28
Impetigo	...	...	...	...	...	...	364	964	1221	357
Other Diseases	...	...	...	...	...	...	1053	1297	1417	1206
Blepharitis	...	...	...	...	...	...	39	61	35	29
Conjunctivitis	...	...	...	...	...	...	102	43	68	67
Other Conditions	...	...	...	...	...	...	120	94	163	52
Vision	...	...	...	...	...	...	119	131	123	86
Squint	...	...	...	...	...	...	67	59	45	20
Hearing	...	...	...	...	...	...	19	76	5	5
Otitis Media	...	...	...	...	...	...	403	256	250	222
Other Diseases	...	...	...	...	...	...	25	20	14	46
Tonsils and Adenoids	...	...	...	...	...	...	11	10	21	7

	1936	1937	1938	1939
Tonsils	25	10	16	7
Adenoids	2	1	1	2
Other Conditions	91	218	182	110
Glands	24	23	23	23
Speech	1	1	1	3
Teeth	24	32	72	68
Heart Disease	4	12	11	5
Anæmia	7	4	12	2
Lungs	40	42	37	10
Tuberculosis	5	8	4	10
Epilepsy	2	5	7	3
Chorea	3	8	—	3
Other Conditions	18	15	21	8
Rickets	1	—	2	—
Other Deformities	103	76	34	31
Other Defects and Diseases	234	203	337	180
Minor Injuries	1825	3887	3377	2064
Infectious and Contact Examinations	788	926	946	568
Special Examinations	271	276	278	275
Thyroid Treatment	14	—	—	—
	5878	8903	8747	5548

Nutrition Clinic.

Children referred for their nutritional conditions are recorded in the following particulars at each examination. There are 296 records of such children:—

Name.	Address.	Date of Birth.			
Date.	Height.	Weight.	Diet.	Appetite.	Constipation.
Teeth.	Bedtime.	Clinic Defects.	Posture.	Mucous Membranes.	
Muscle tone and function.	Subcutaneous fat.	Dull.	Listless.		
Tired.	Complexion.				

Eye Clinic.

Sessions.	Cases referred.	Attendances.	Treatments.
26	362	301	301

Spectacles prescribed, 208; Failed to carry out treatment, 27; Referred to Committee, 19; Cases attending Squint Class, 34; Attendances, 388.

On the year's work the Ophthalmic Surgeon reports that—

“The commonest defect was hypermetropia with a certain amount of astigmatism, giving rise to eyestrain and producing symptoms such as headache, lack of concentration at school and disinclination for study. More attention has been paid to the correction of muscular imbalance.

About 10% of the cases were myopic, these have been followed up at intervals of six or twelve months to ensure careful correction of this progressive condition.”

Artificial Sunlight Clinic.

Sessions.	No. of Cases.	No. of Attendances.	No. of Treatments.
76	126	1,585	1,585

Nature of Cases.

Nutritional.	Delicate.	Orthopædic.	General.
9	28	14	75

These included:—

Defective Nutrition	...	...	...	...	...	...	6
Not Thriving	...	...	...	...	...	...	3
Impetigo	...	...	...	...	...	...	3
Other Diseases (Eczema, Alopecia, Psoriasis)							14

Other Eye	5
Otitis Media	3
Other Ear	1
Tonsils	2
Tonsils and Adenoids	1
Other Conditions	4
Enlarged Glands	9
Heart	1
Anæmia	6
Bronchitis	3
Other Lungs	1
Non-Pulmonary T.B.	2
Other Nervous Conditions	10
Other Deformities	14
Other Defects	19
Rheumatism	8
Post Infection	11

In addition there were 745 attendances of pre-school children.

Remedial Clinic.

Sessions.	No. of Cases.	No. of Attendances.	No. of Treatments.
67	58	704	1,004
Cases referred to Manchester Royal Infirmary (Out-Patients)			5
Admitted to Hospital (M/c. Children's Hospital and Salford Hospital)			2
Provided with apparatus			1

Details of Cases at 31st December, 1939.

Age-Group:	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8
Boys	2	3	5	3	2	—	2	2
Girls	—	—	1	2	3	—	3	1
Age-group:	8-9	9-10	10-11	11-12	12-13	13-14		
Boys	—	1	1	—	2	1		
Girls	1	—	—	2	2	2		

Age-groups :				Infantile		Other
				Paralysis.	Rickets.	T.B. Conditions.
Boys :						
Child Welfare	...	...	...	—	11	— 4
Entrants	...	...	...	—	—	— 4
Intermediates	...	...	...	—	—	— 2
Leavers	...	...	...	—	—	— 3
Girls :						
Child Welfare	...	...	...	—	5	— 1
Entrants	...	...	...	—	—	— 4
Intermediates	...	...	...	—	—	— 3
Leavers	...	...	...	1	—	— 3
Total, 41.						

Ear, Nose and Throat Clinic.

Tonsil and Adenoid operations referred by General Practitioners to Hospital, 13.

Ringworm Clinic.

Transferred to Manchester Skin Hospital, Nil.

Local Cases 2. Attendances 16. Treatment 16.

Dental Clinic.

With reference to last year's observations, (2) (3) and (4) have been complied with.

	1938	1939
The number of Treatment Sessions held during the year	108	122
,, Inspection Sessions held during the year	27	23
,, Children notified to attend for Treatment	2364	2090
,, Children attending for Treatment ...	741	755
The Total Attendances	1459	1516

Nature of Treatment.

Fillings	...	...	...	...	...	...	...	...	...	357	473
Extractions	...	...	...	...	...	...	...	...	...	1427	1364
Others (gum treatment, etc.)	...	...	...	...	...	...	...	...	...	127	30
Local Anæsthesia used (Nopaine)	...	...	...	...	...	...	...	...	...	980	951

See Table V., page 65.

Tuberculosis.—On T.B. Register.

New cases notified during the year	...	...	...	...	...	...	...	...	...	1
Old cases remaining	...	...	...	...	...	...	...	...	...	13
Number of children on the Active List (T.B. Lungs)	...	...	...	...	...	...	...	...	...	—
Number of children on the Quiescent List	...	...	...	...	...	...	...	...	...	1
Children suffering from other forms of T.B.	...	...	...	...	...	...	...	...	...	13
At School	...	...	...	...	...	...	...	...	...	13
Not at School	...	...	...	...	...	...	...	...	...	—
In Institution	...	...	...	...	...	...	...	...	...	—

Three children were referred to the T.B. Dispensary during the year.

OPEN AIR EDUCATION.

Last year's remarks apply.

PHYSICAL TRAINING.

Two Physical Training Organisers (1 male and 1 female) for the combined areas—Middleton, Chadderton, Radcliffe and Farnworth were approved in the Board of Education letter of 30th August, 1939 and commenced duty on the 4th September, 1939, devoting an equal time to the schools in each area. (Vide Minute 2804/1939).

SCHOOL FEEDING.**Free Meals.**

The report submitted last year applies with one amendment—the Feeding Centre for Mid-day Dinners has been moved to

Providence School owing to the Assembly Hall being used for National Service. The School is suitable and roomy with kitchen and lavatory accommodation.

98 children have received Mid-day Meals during the financial year (1st April, 1938 to 31st March, 1939) and 11,810 free meals were provided.

The standard and variety of the meals are similar to those reported previously.

Morning Milk.

The milk supplied is pasteurized in $\frac{1}{8}$ -pint bottles. With the milk, Parkin/Bread and Butter/Raisin Biscuit is supplied in rotation.

For the period 1st April, 1938 to 31st March, 1939.

Number of individual children fed (free)	502
Number of meals provided (free)	71,194
Cost per ration—Food	1 $\frac{3}{4}$ d.
Cost per ration—Milk	$\frac{1}{2}$ d.
Total Cost per Meal	2 $\frac{1}{4}$ d.
School Milk provided. On Payment. Daily 1600. Approximate.	

SCHOOL BATHS.

The New Public Baths give satisfactory and much improved facilities for the school children.

36,273 attendances by school children were made during the year.

351 sessions for swimming lessons were held with an attendance of 9,447.

This work has been curtailed as the Baths were taken over for National Service in September.

Co-operation of Parents is helpful and valuable.

Attendance of parents at Medical Inspections:—

Entrants.	Intermediates.	Leavers.	Others.
74.02%	60.35%	23.29%	47.92%

Voluntary Help.

1. The Mayor's Holiday Camp Fund Committee sent 100 children to Rossall (Cinderella Fund) Convalescent Home for one week.
2. The Middleton Poor Children's Aid Society sent 74 children to Lytham for two weeks.
3. 25 children were sent to the Children's Sanatorium, Southport for three weeks, 15 to the Stelfox Cot and 10 to the Jubilee Cot.
4. The Middleton Auxiliary of the Cripple Children's Help Society admitted 6 children to the Convalescent Farm, Mellor, Derbyshire.
5. The N.S.P.C.C. dealt with 16 cases, affecting 29 boys and 19 girls.
6. The Mayor's Clog Fund provided 132 new pairs of Clogs and 46 pairs were repaired.

EXCEPTIONAL CHILDREN.

1. Blind.

One child, a boy aged 8 is still under the care of a Manchester Specialist, as reported last year.

2. Partially Sighted.

One boy, aged 12 attends the Oldham Blind School. One girl aged 11, attends the ordinary school—severe myopia. One

girl, aged 10—totally blind Right Eye, congenital retinal defect. Left eye normal.

3. **Deaf.**

Totally deaf—none returned.

4. **Partially Deaf.**

There are 3 boys attending the ordinary schools—cases of Otitis Media and 1 girl a case of congenital occlusion of the meatus.

5. **Mentally Defective.**

There is a total of 11 children—7 boys and 4 girls. The ages of the boys—7, 8, 10, 12, 15, 15, 11; and of the girls—9, 9, 12, 15.

Of these 2 boys and 2 girls are attending the ordinary schools.

1 girl attends a special school.

Not at school—3 boys.

Left school and working—1 boy and 1 girl.

One boy, aged 11 years, Certified M.D. by another authority, is in a Remand Home.

There are 3 combined cases—

Boy, aged 15—Imbecile and Rickets—at Home.

Boy, aged 12—Feeble-minded and Epilepsy—at School.

Boy, aged 10—Feeble-minded and Epilepsy—at Home.

In the case of both boys at home, they have been notified to the Mental Deficiency Committee. Institutional treatment has been offered but not accepted by the parents.

6. Epileptic.

There are 4 boys, aged 6, 10, 10, 12. One boy aged 12 (Feeble-minded and Epileptic) is attending school; 1 boy aged 10 is in an Institution; 2 boys aged 6 and 10 are at home. The boy aged 10 is one of the combined cases (Epilepsy and Feeble-minded).

Physically Defective Children.

1. Tuberculosis.

(a) Pulmonary.

One girl aged 8, a quiescent case is at school.

(b) Non-Pulmonary—6 boys and 7 girls.

Ages—Boys: 5, 8, 8, 10, 12, 13.

Girls: 5, 6, 6, 6, 7, 10, 13.

These include Tubercular Glands 5, Hip 2, Peritoneum 4, Foot 2. All these children are attending school.

Only 1 case was notified during the year.

These children are all under observation at the Tuberculosis Dispensary, Ashton-under-Lyne.

On Tuberculosis Register, 14.

2. Delicate Children.

Nature of Case.	At School.	Not at School.	In Institution.
Latent T.B.	13	—	—
Rheumatism	7	—	—
Mastoid	1	—	—
Heart?	25	—	—
Asthma	4	—	—
Other Delicate	4	—	—

	Ages.									Total
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	
Boys	3	—	1	3	6	4	2	4	5	28
Girls	1	3	2	2	2	2	5	6	3	26

Included also in this group are 13 children who have been notified T.B., but who are no longer under treatment.

3. Crippled Children.

A total of 13 children are returned under this heading:—
12 at School. 1 in Institution.

	Ages.									Total
	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	
Boys	1	—	—	—	—	2	1	1	1	6
Girls	—	2	1	1	—	—	1	1	1	7

These cases include:—

Infantile Paralysis	...	...	...	...	...	—	4
Osteomyelitis	...	...	...	...	...	—	1
Coxa vara	...	...	...	...	...	—	1
Fracture (Shortening Leg)	...	...	...	...	...	—	1
Talipes	...	...	...	...	...	...	4
Deformity Hand	...	...	...	...	...	...	1
Congenital Scoliosis	...	...	...	...	...	...	1

10 cases have attended the Remedial Clinic.

Others—3. One of these was receiving Hospital treatment, one is in Institution and the other was kept under supervision.

4. Heart.

One severe case under medical attention has been off school since March, 1939. 32 children were found at Medical Inspections with various degrees of Heart defects—but the children attend school.

5. Rheumatism.

Special attention is directed to Rheumatic symptoms in children and the parents warned and advised.

The children are kept under supervision.

CHILDREN ACTS.

There are 2 children of school age registered "Nursed Out."

The number of children certified for Part Time Employment under the Byelaws (Employment of Children Act) was 80.

The number of children certified for Employment of Children in Entertainments was 5.

The Juvenile Advisory Committee have been helpful in placing children in suitable trades who have been medically certified as unsuitable for the following categories:—Severe Manual Work, Exposure to bad weather, Dusty Atmosphere, Prolonged Standing, Eye Strain, Acute Distant Vision, Acute Hearing, Sedentary Work.

BOARD OF EDUCATION TABLES.

TABLE 1.

Medical Inspection of Children Attending Public Elementary Schools.

A.—ROUTINE MEDICAL INSPECTIONS.

Number of Inspections in the prescribed Groups

	Numbers.
Entrants	404
Second Age Group	391
Third Age Group	292
Total	1,087
Number of other Routine Inspections	48
Grand Total	1,135

B.—OTHER INSPECTIONS.

Number of Special Inspections and Re-Inspections ...	2,258
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TABLE 2.
CLASSIFICATION OF THE NUTRITION OF
CHILDREN INSPECTED DURING THE YEAR IN
THE ROUTINE AGE GROUPS UP TO
31st AUGUST, 1939.

Age-groups	No. of Children Inspected	A		B		C		D	
		(Excellent)		(Normal)		(Slightly Subnormal)		(Bad)	
		No.	%	No.	%	No.	%	No.	%
Entrants	404	40	9.9	358	88.6	6	1.5	—	—
Second Age-group	391	79	20.2	303	77.5	9	2.3	—	—
Third Age-group	292	83	28.4	168	57.5	41	14.1	—	—
Other Routine									
Inspections	48	10	20.8	34	70.8	4	8.4	—	—
Total	1,135	212	18.7	863	76.0	60	5.3	—	—

TABLE 3.
BLIND CHILDREN.

At no School or Institution	...	...	...	...	...	...	...	1
Total	...	...	...	...	...	...	...	1

TABLE 4.

Group 1.—Minor Ailments (excluding Uncleanliness).

Disease or Defect.	Number of defects treated, or under treatment during the year.		
	Under the Authority's Scheme.	Otherwise.	Total.
(1)	(2)	(3)	(4)
Skin—			
Ringworm-Scalp—			
(i.) X-Ray Treatment	—	—	—
(ii.) Other Treatment	—	—	—
Ringworm-Body	2	—	2
Scabies	4	—	4
Impetigo	63	—	63
Other Skin Disease	213	1	214
Minor Eye Defects			
(External and other)	50	—	50
Minor Ear Defects	34	—	34
Miscellaneous—			
(e.g., minor injuries, bruises, sores, chilblains, etc.)	728	—	728
Total	1,094	1	1,095

Group 2.—Defective Vision and Squint (excluding Minor Eye Defects).

Disease or Defect.	Number of Defects dealt with.		
	Under the Authority's Scheme.	Otherwise.	Total.
Errors of Refraction (including squint). Operations for squint should be recorded separately in the body of the School Medical Officer's Report	301	4	305
Other defect or disease of the eyes (excluding those recorded in Group I)	—	—	—
Total	301	4	305

Disease or Defect.	Number of Defects dealt with.		
	Under the Authority's Scheme.	Otherwise.	Total.
Number of Children for whom Spectacles were			
(a) Prescribed	208	3	211
(b) Obtained	181	3	184

Group 3.—Treatment of Defects of Nose and Throat.

Received Operative Treatment:—

Under the Authority's Scheme, in Clinic or Hospital	(1)	—
By Private Practitioner or Hospital, apart from Authority's Scheme	(2) (iii)	13
Total	(3) (iii)	13
Received other forms of Treatment	(4)	—
Total number treated	(5)	13

- (i) Tonsils only. (ii) Adenoids only. (iii) Tonsils and adenoids.
(iv) Other defects of the nose and throat.

Group 4. Orthopaedic and Postural Defects.

Under the Authority's Scheme (1)—

Residential treatment with education	... ..	(i)	—
Residential treatment without education	... ..	(ii)	—
Non-residential treatment at an orthopaedic clinic		(iii)	58

Otherwise (2)—

Residential treatment with education	... ..	(i)	—
Residential treatment without education	... ..	(ii)	*2
Non-residential treatment at an orthopaedic clinic		(iii)	† 5

Total number treated		58
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*In hospital for operation only. † These cases attended as Out-patients at various Hospitals.

TABLE 5.

DENTAL INSPECTION AND TREATMENT.

(1) Number of children inspected by the Dentist—

(a) Routine age-groups

Age	4	5	6	7	8	9	
Number	59	230	222	190	196	214	
Age	10	11	12	13	14	Total	
Number	180	169	205	177	9	1851	

(b) Specials		80
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(c) Total (Routine and Specials)	1931
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(2) Number found to require treatment	1531
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(3) Number actually treated	755
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Children re-treated	306
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(4) Attendances made by children for treatment	1516
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(5) Half-days devoted to—

Inspection	23
Treatment	122
		145

(6)	Fillings—								
	Permanent Teeth			439	
	Temporary Teeth	...	...	...	...			34	
								—	473
(7)	Extractions—								
	Permanent Teeth	...	...	...	...			281	
	Temporary Teeth	...	...	...	...			1083	
								—	1364
(8)	Administrations of general anaesthetics for extractions								—
	Local anaesthetics	...	...	...	...	...	...		951
(9)	Other Operations—								
	Permanent Teeth	...	...	...	...			29	
	Temporary Teeth	...	...	...	...			1	
								—	30

TABLE 6.

UNCLEANLINESS AND VERMINOUS
CONDITIONS.

(1)	Average number of visits per school made during the year by the School Nurses	...	...	...	...	...	7.56
(2)	Total number of examinations of children in the Schools by School Nurses	...	...	...	...	...	9773
(3)	Number of individual children found unclean	...	...				115
(4)	Number of individual children cleansed under Section 87 (2) and (3) of the Education Act, 1921	...	...				—
(5)	Number of cases in which legal proceedings were taken—						
	(a) Under the Education Act, 1921	...	...				—
	(b) Under School Attendance Byelaws	...					—



